

INFORMAL

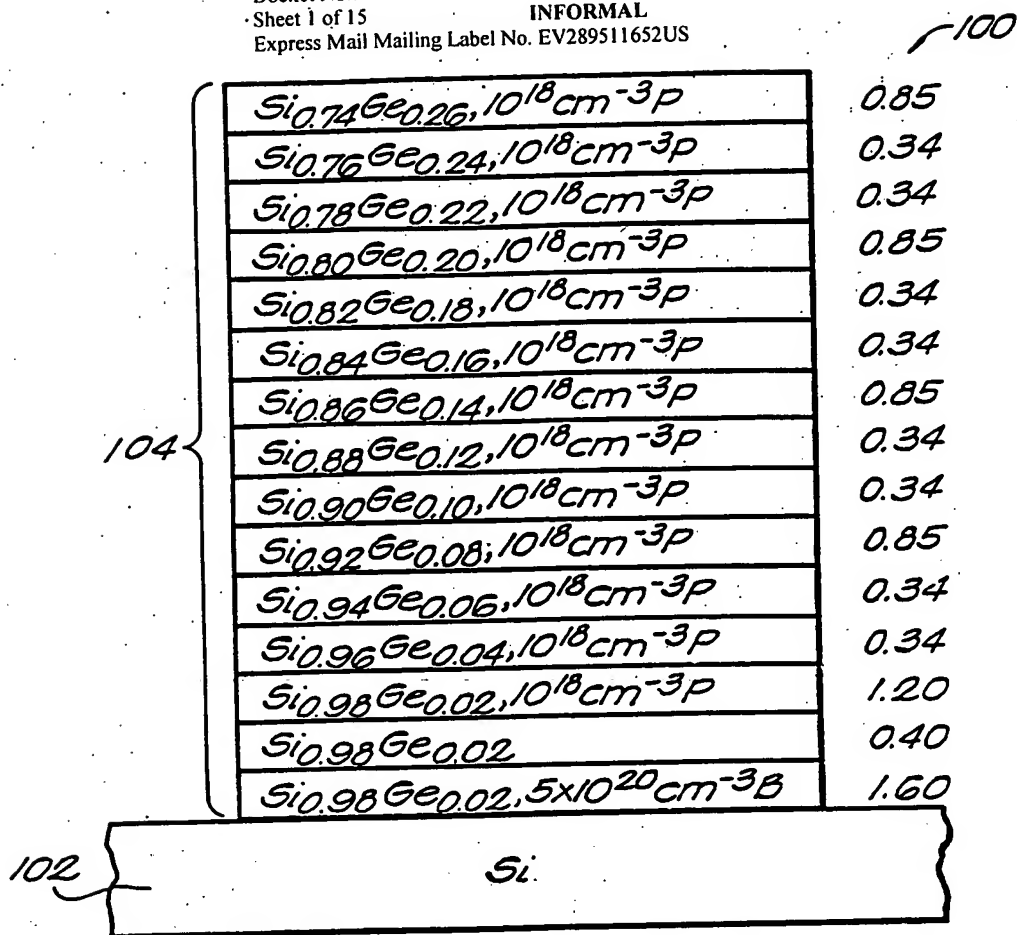


FIG. 1A

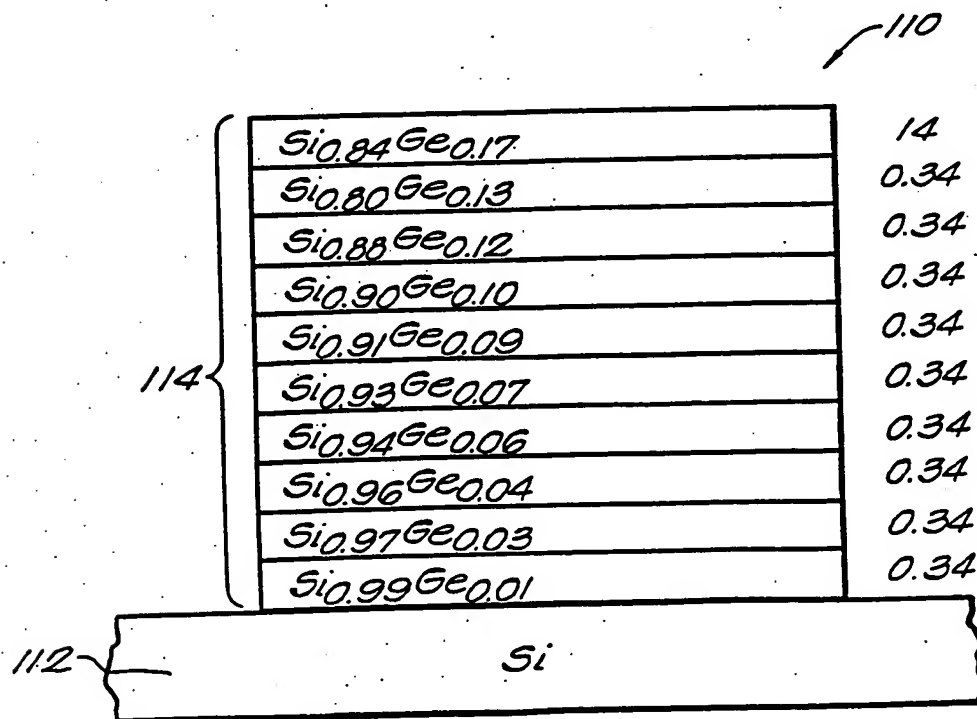


FIG. 1B

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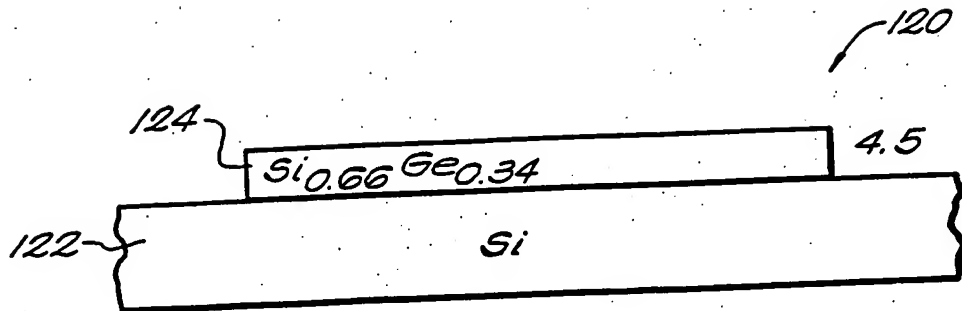


FIG. 1C

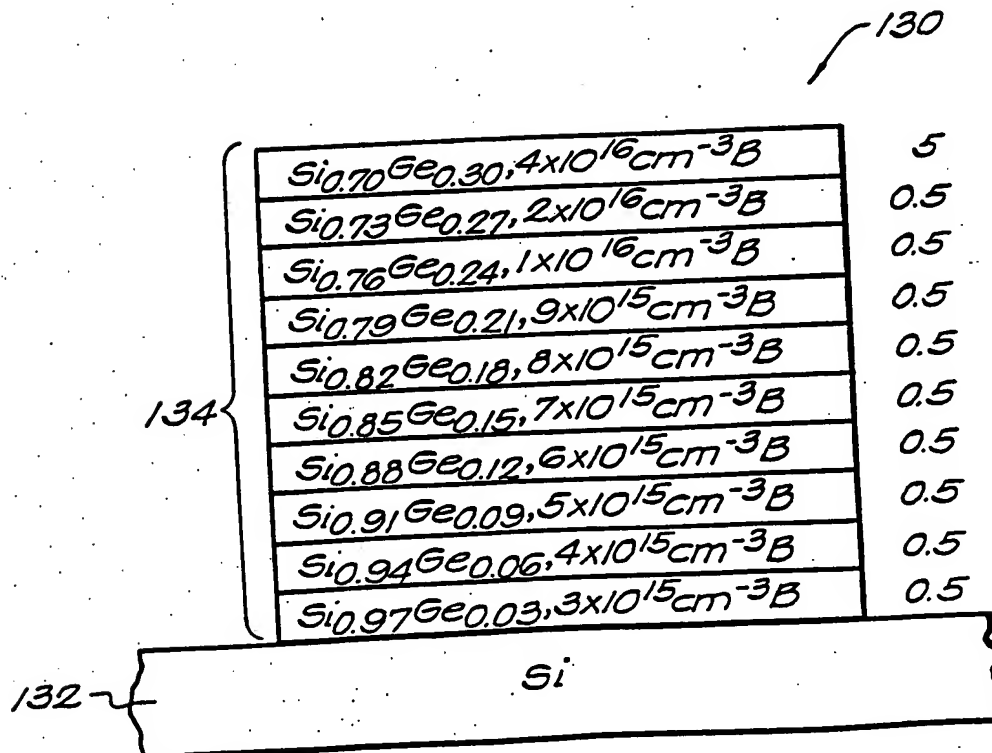


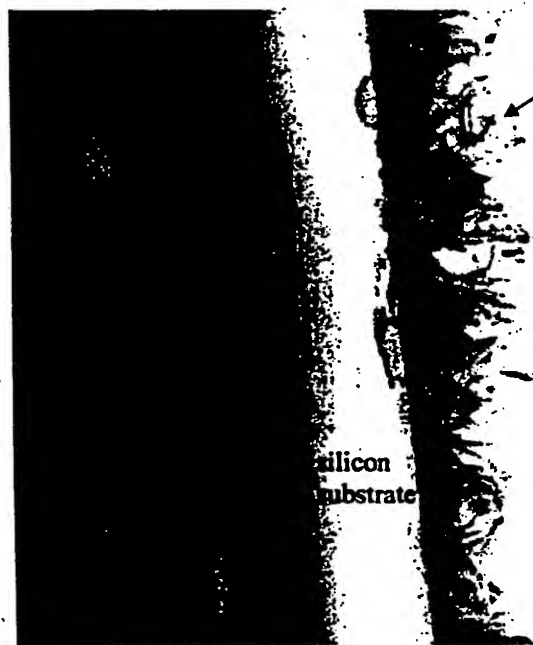
FIG. 1D

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FIG. 2

— 1.5 μ m



threading
dislocations

silicon
substrate

— 1.3 μ m

FIG. 3

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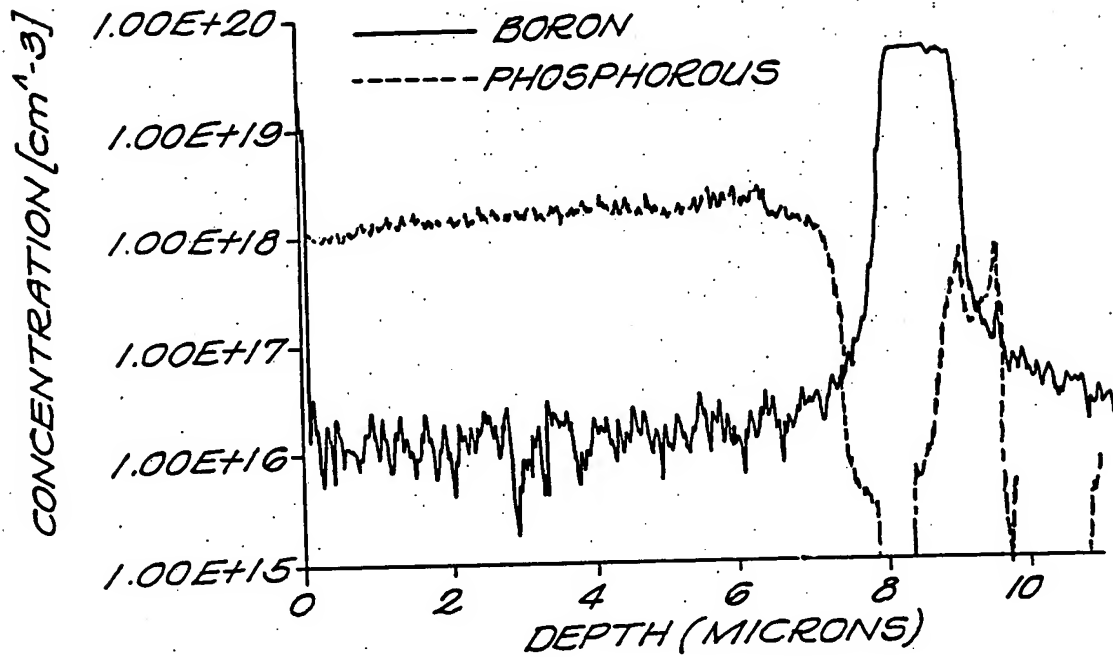


FIG. 4

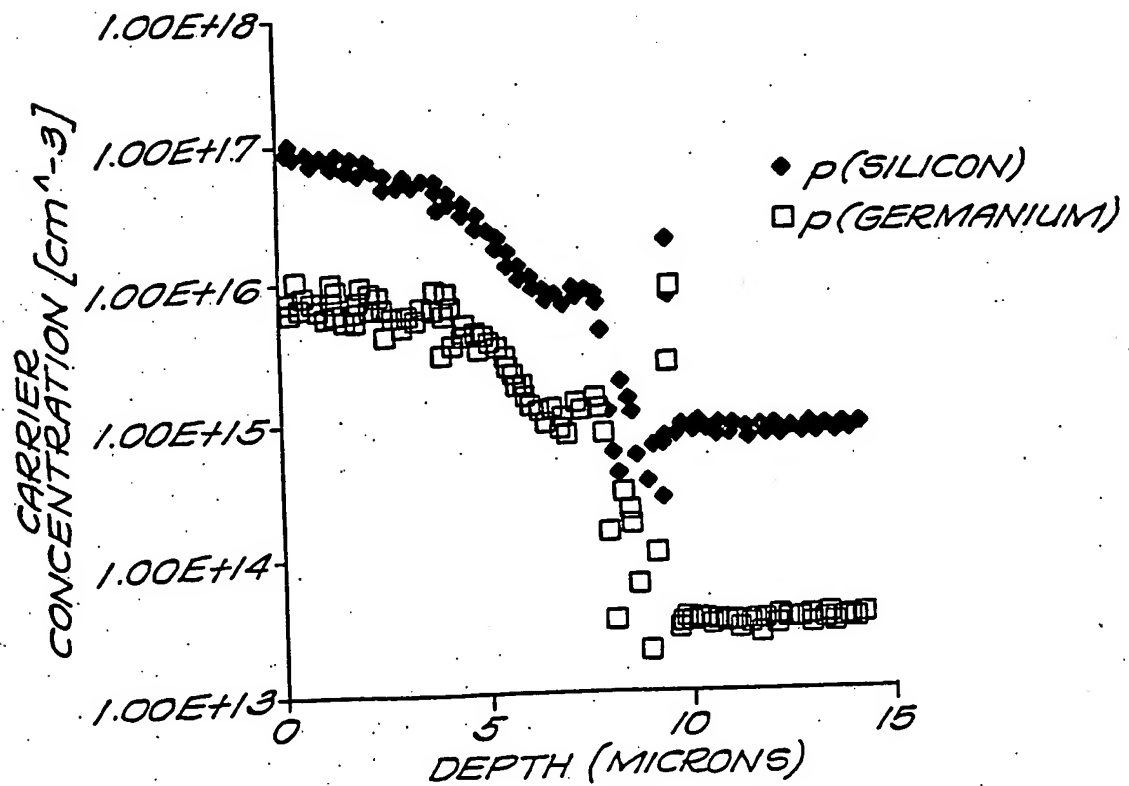


FIG. 5

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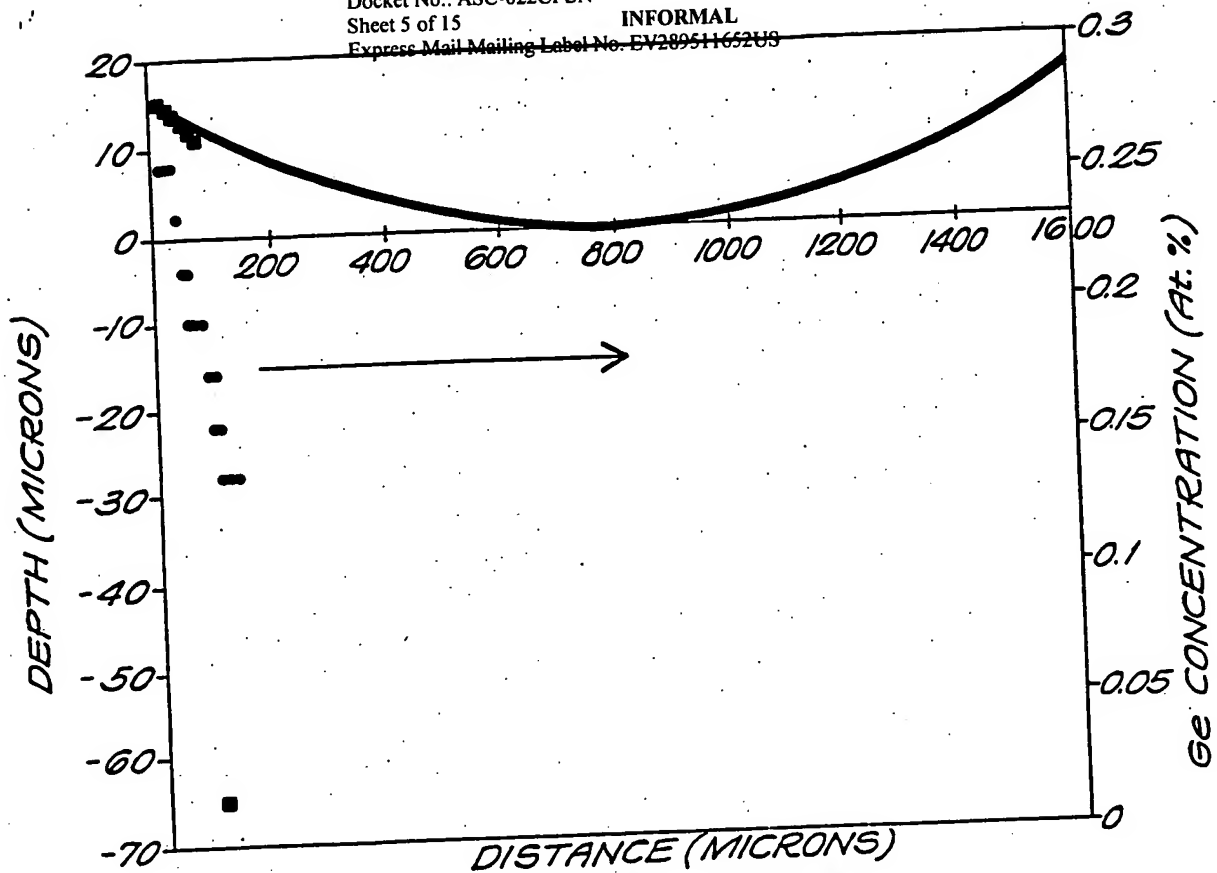


FIG. 6A

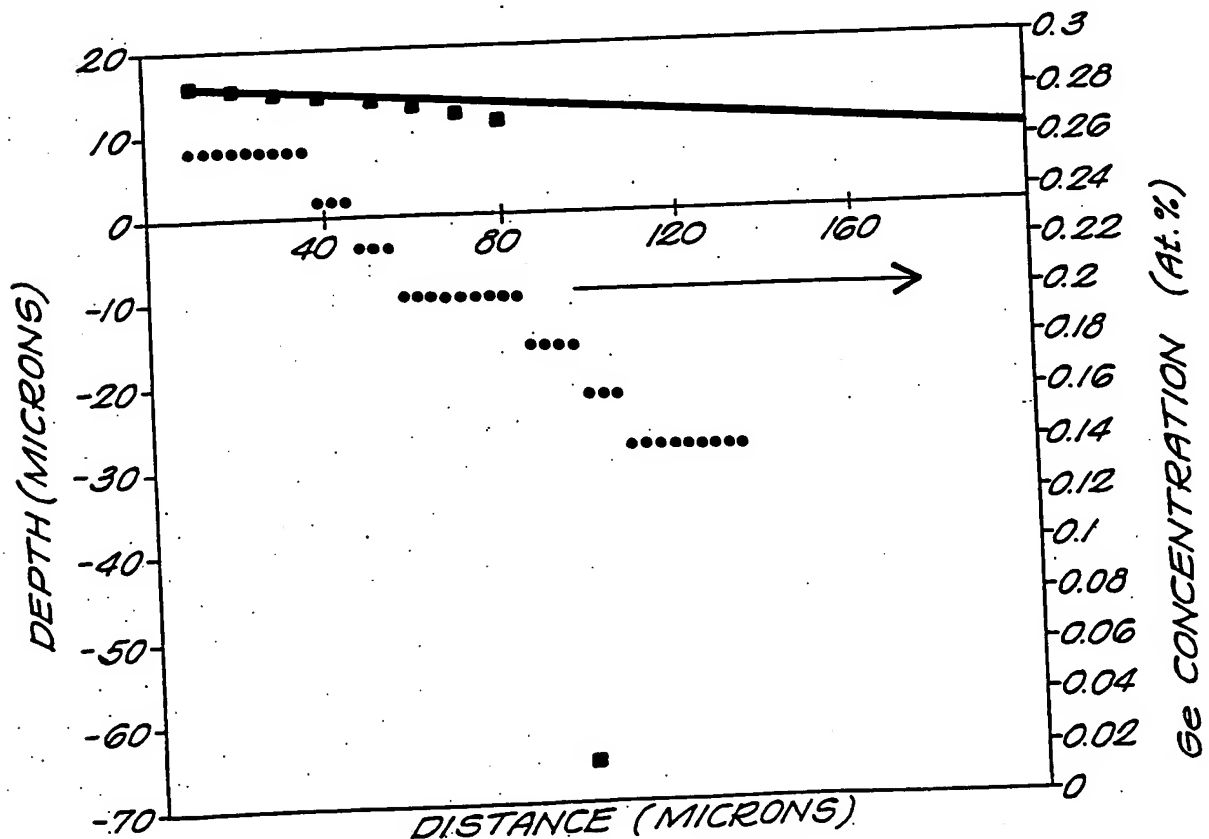


FIG. 6B

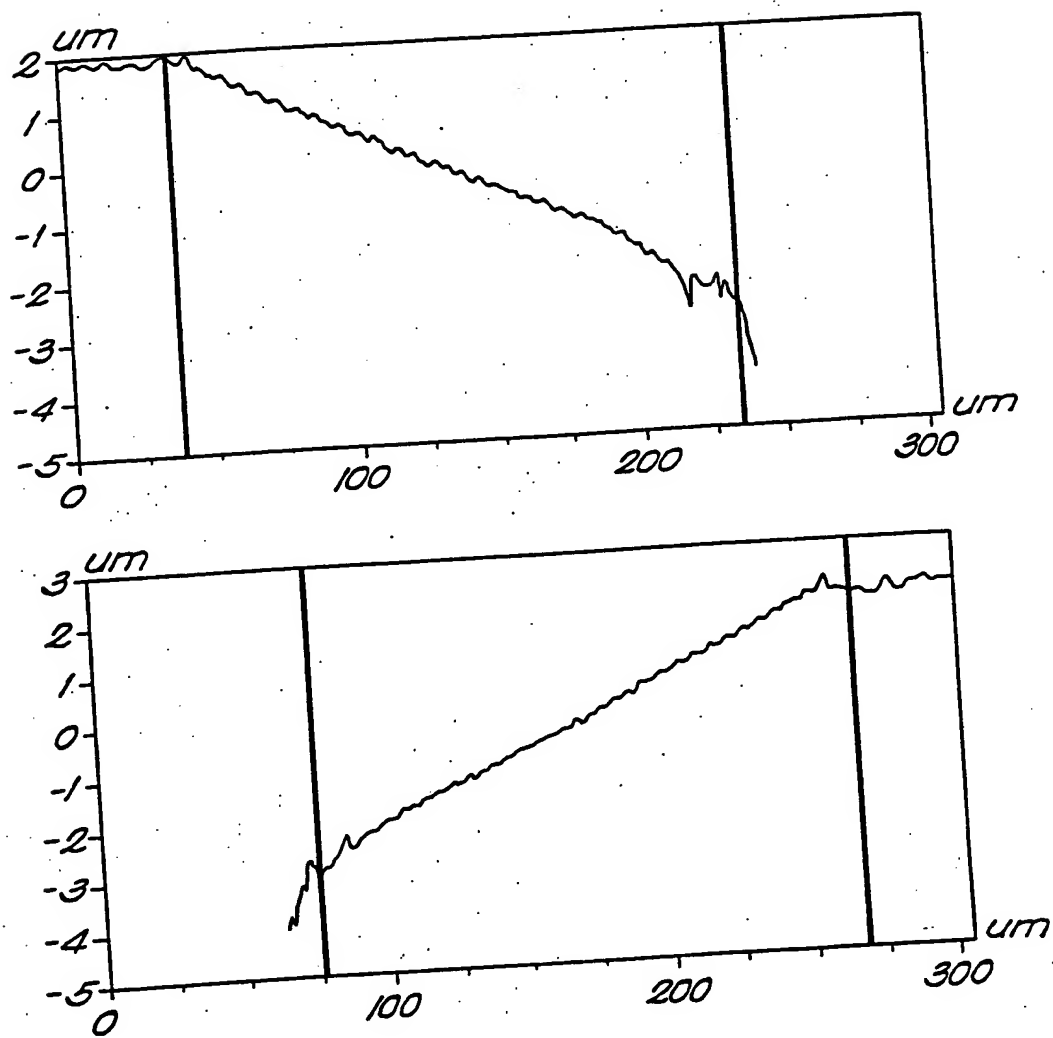


FIG. 7

INFORMAL

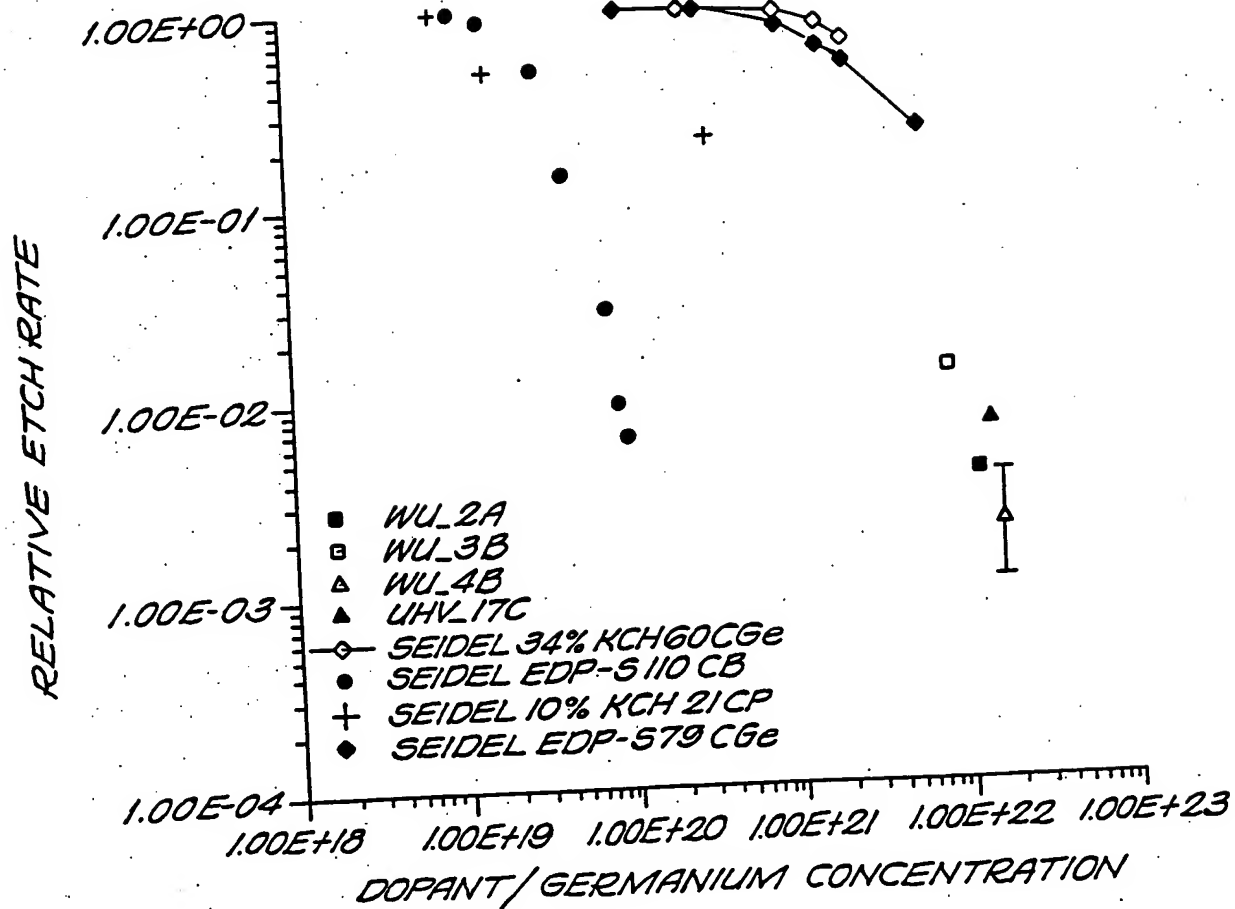


FIG. 8

900

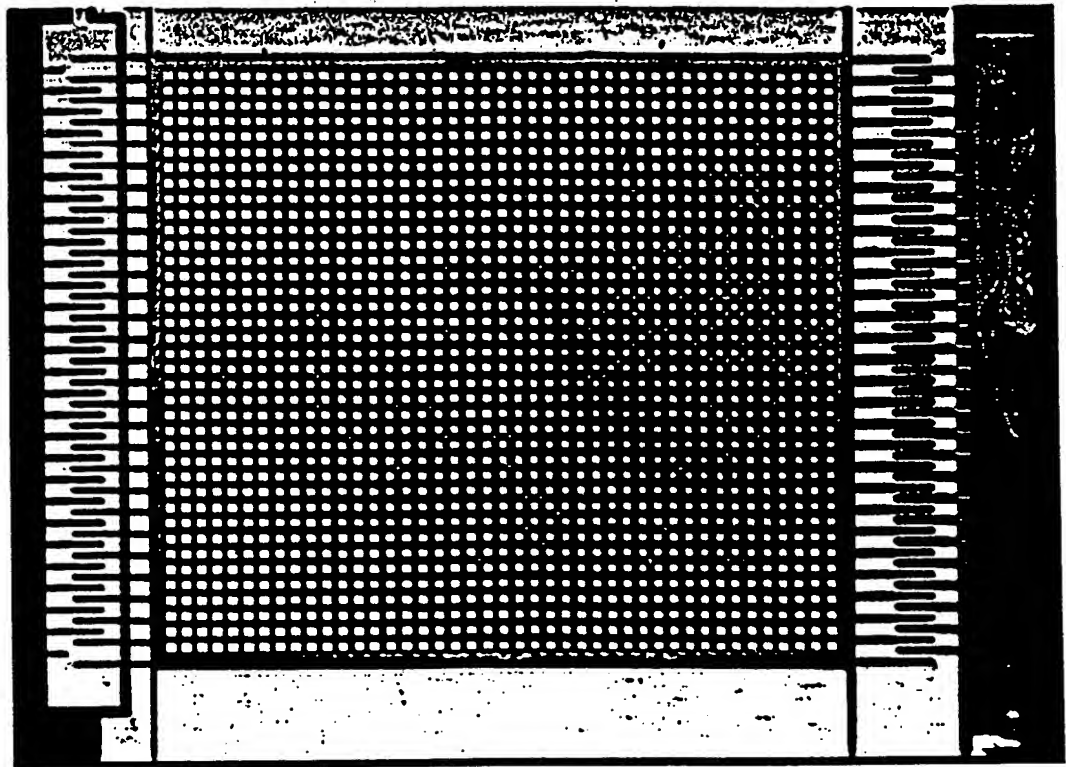


FIG. 9

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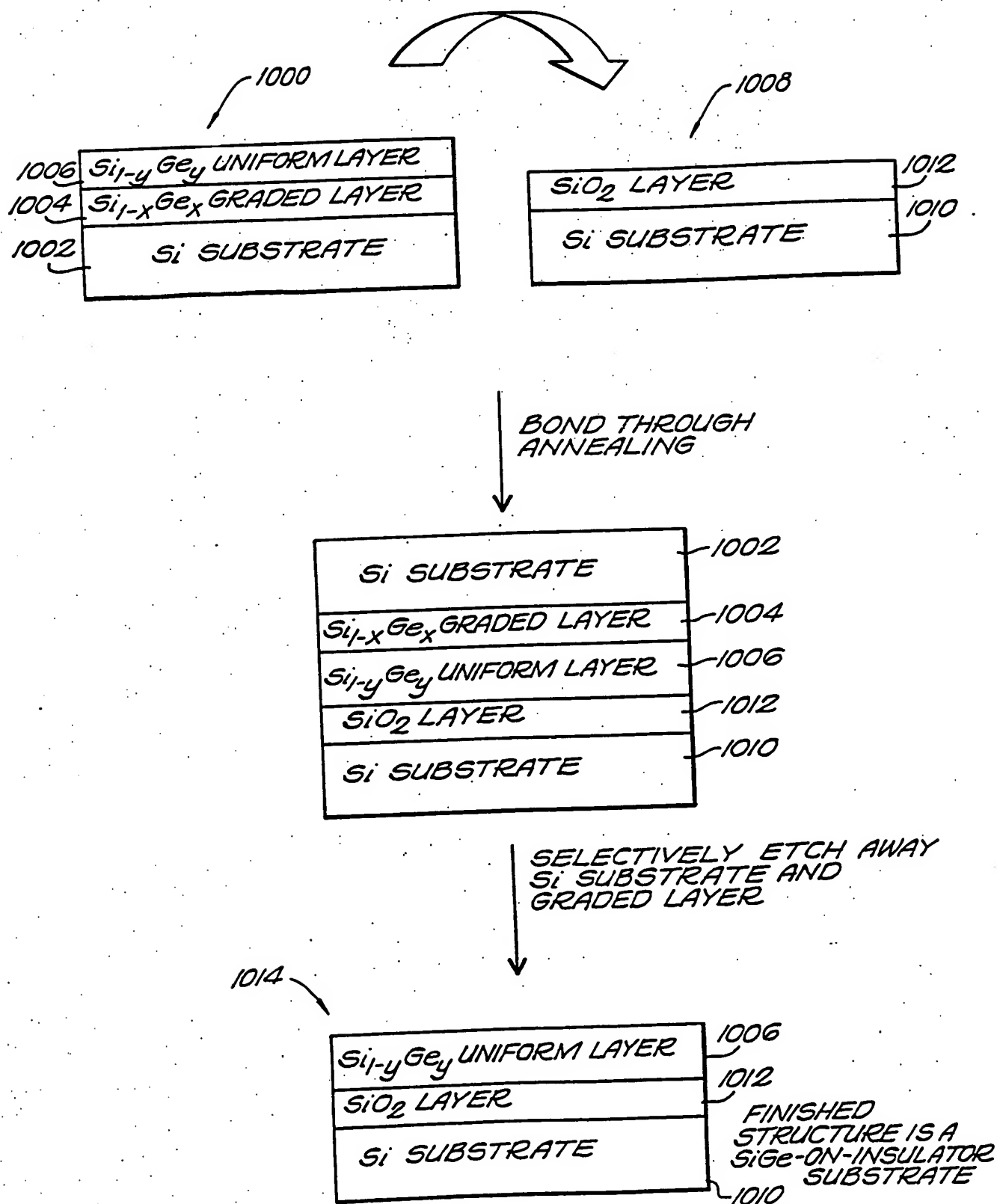


FIG. 10

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FIG. 11A

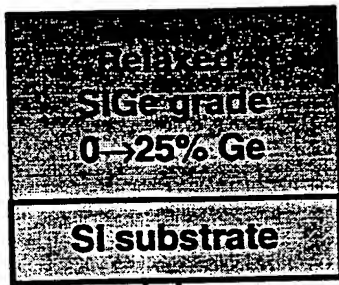


FIG. 11B

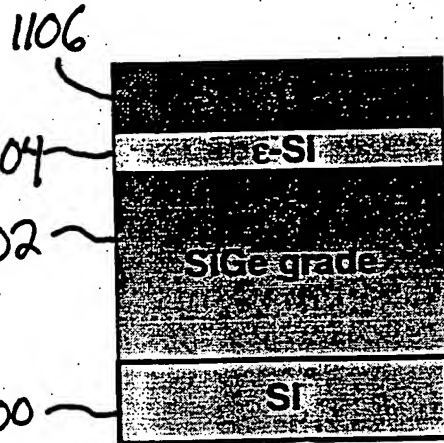


FIG. 11C

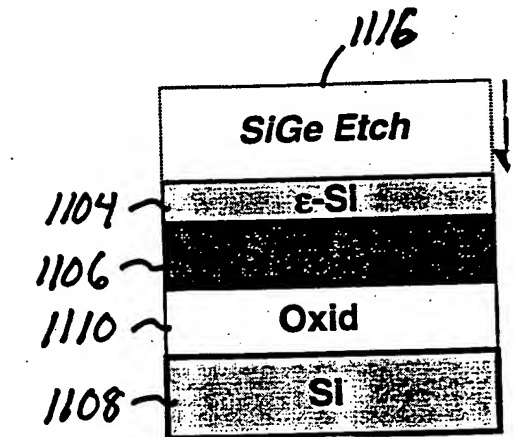
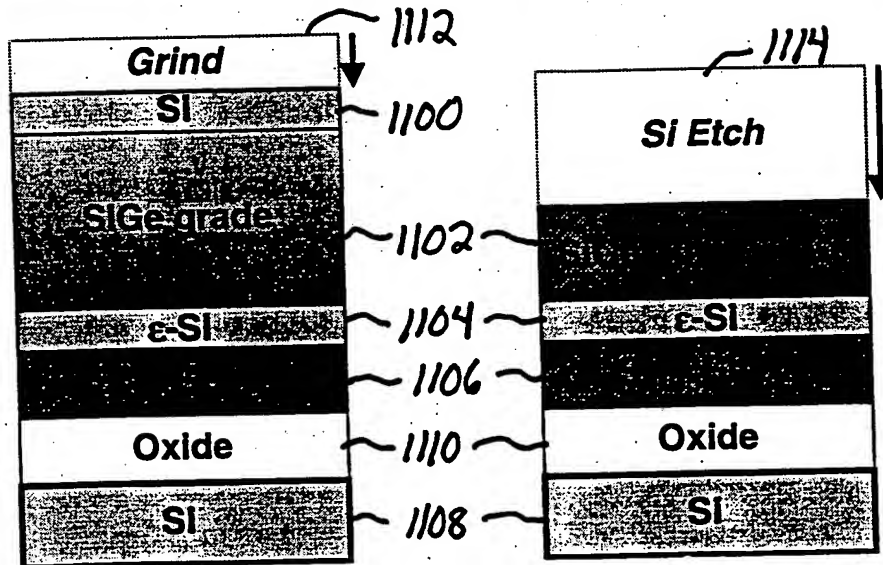
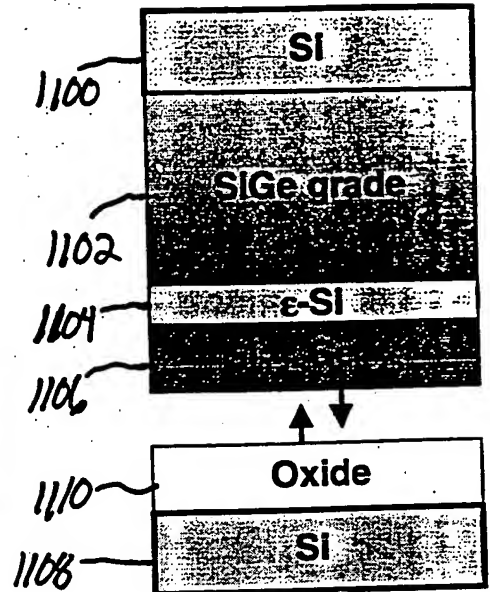


FIG. 11D

FIG. 11E

FIG. 11F

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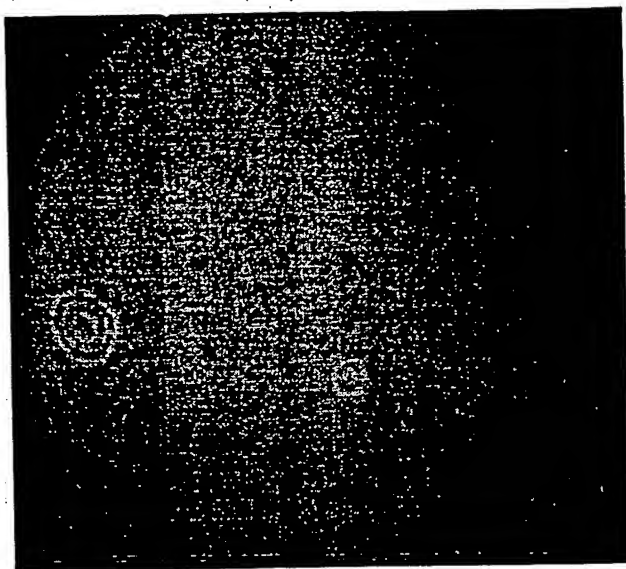


FIG. 12A

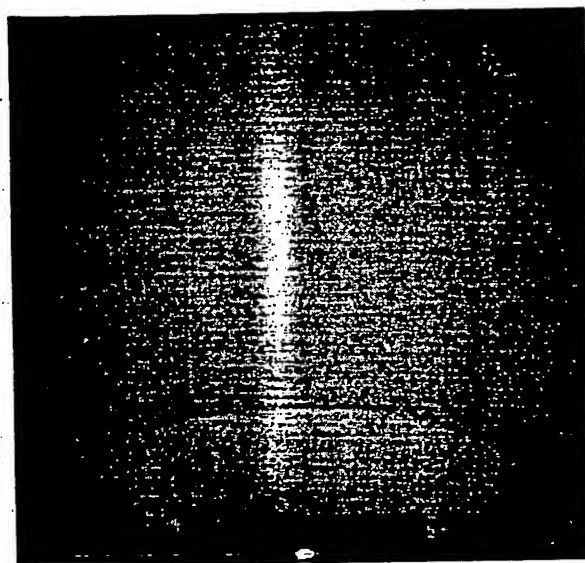


FIG. 12B

INFORMAL

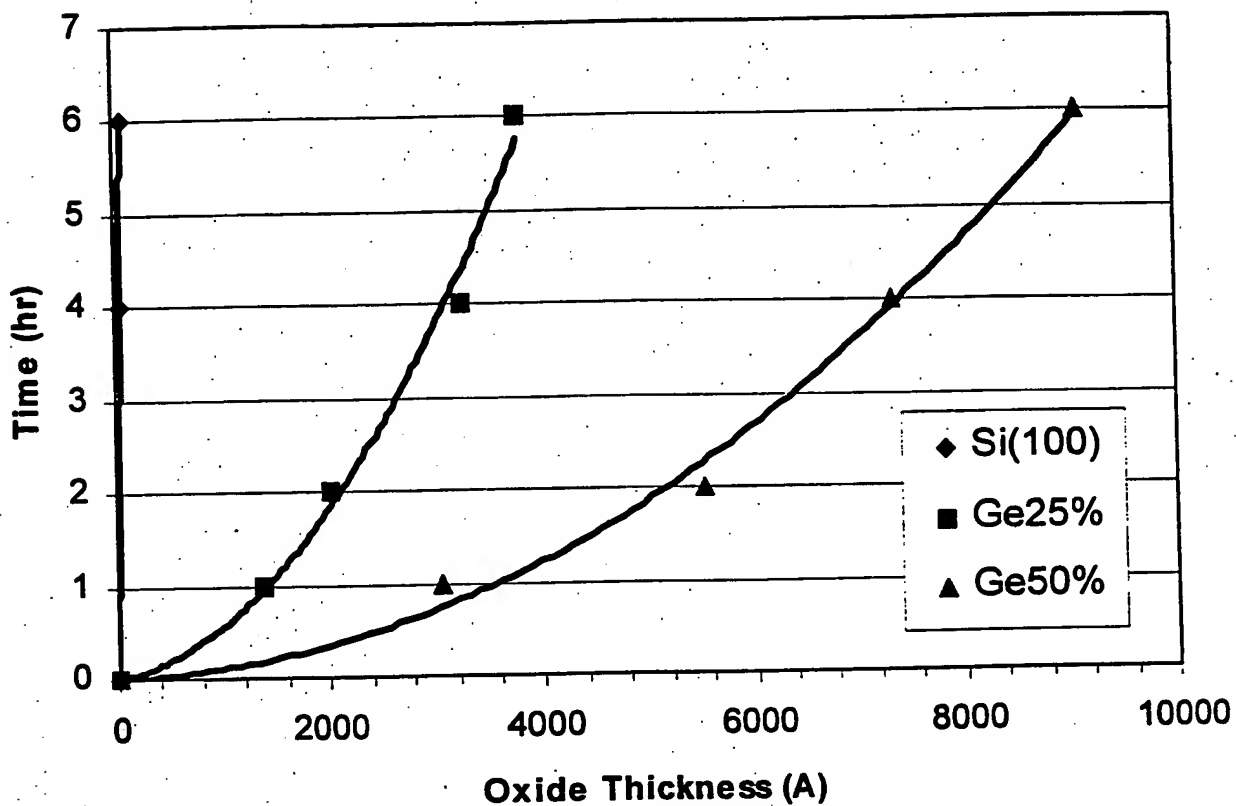


FIG. 13

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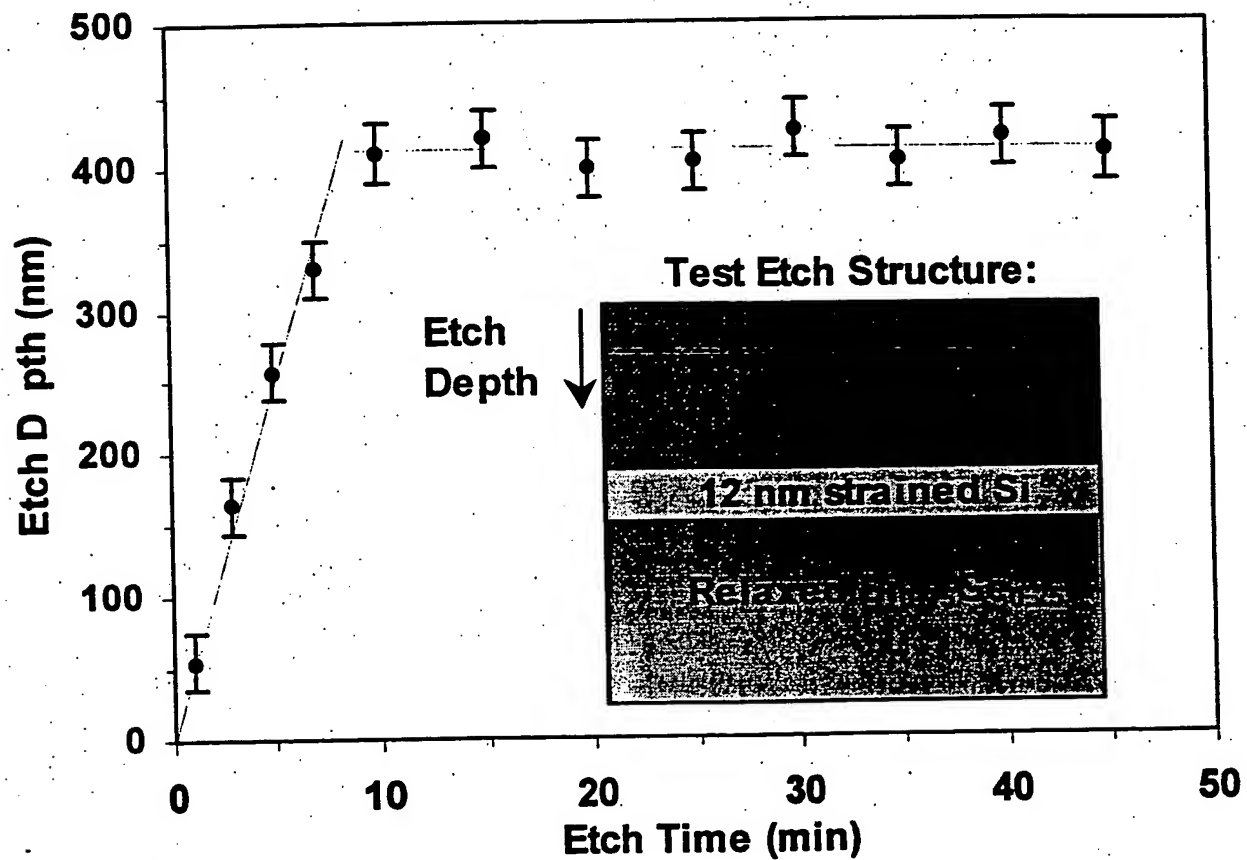


FIG. 14

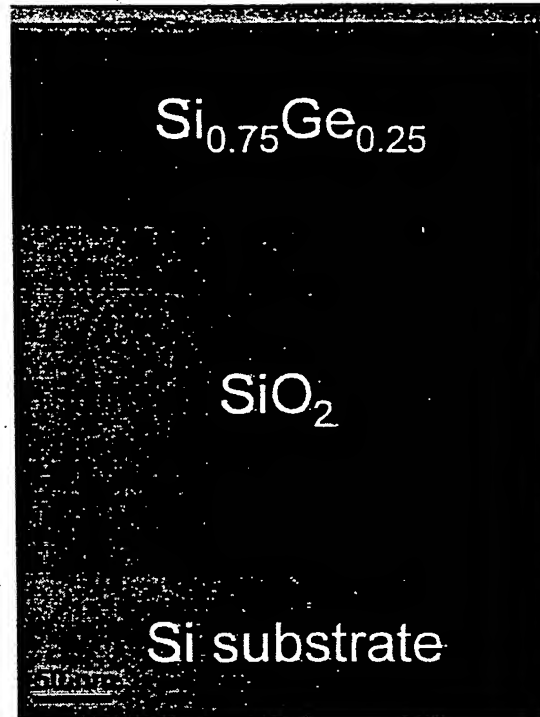


FIG. 15

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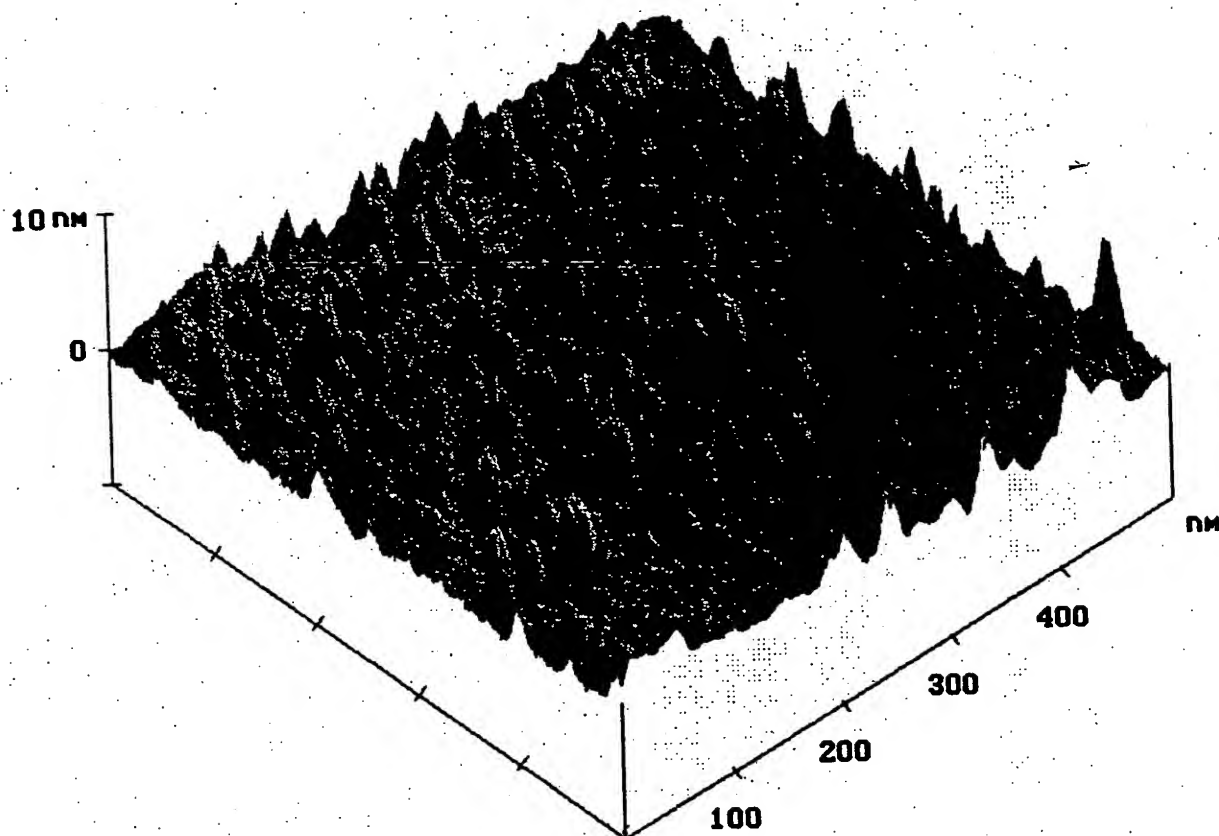


FIG. 16